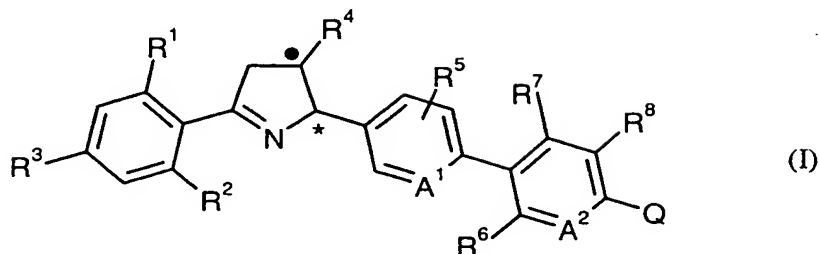


Patent claims

1. Pyrrolines of the formula (I)



5 in which

R¹ represents halogen, C₁-C₄-alkyl or C₁-C₄-haloalkyl,

R² represents hydrogen, halogen, C₁-C₄-alkyl or C₁-C₄-haloalkyl,

R³ represents hydrogen, halogen or methyl,

10 R⁴ represents hydrogen, C₁-C₆-alkyl, (C₁-C₆-alkoxy)carbonyl, (C₃-C₆-cycloalkyl)oxycarbonyl, (C₁-C₆-haloalkoxy)carbonyl, represents aryl which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of halogen, cyano, nitro, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy and C₁-C₄-haloalkylthio,

15

A¹ represents N or CH,

A² represents N or CR⁹,

20 R⁵ represents hydrogen, halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphanyl, C₁-C₆-alkylsulphonyl, C₁-C₆-haloalkoxy, C₁-C₆-haloalkylthio, C₁-C₆-haloalkylsulphanyl or C₁-C₆-haloalkylsulphonyl,

25 R⁶, R⁷, R⁸ and R⁹ independently of one another represent hydrogen, halogen, cyano, formyl, nitro, tri(C₁-C₆-alkyl)silyl, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphanyl, C₁-C₆-alkylsulphonyl, C₂-C₆-alkenyl, C₂-C₆-alkenyloxy, (C₁-C₆-alkyl)carbonyl, (C₁-C₆-alkoxy)carbonyl, C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, C₁-C₆-haloalkylthio, C₁-C₆-haloalkylsulphanyl, C₁-C₆-haloalkylsulphonyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkenyloxy, (C₁-C₆-haloalkyl)carbonyl, (C₁-C₆-haloalkoxy)carbonyl, pentafluorothio,

30

$-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$,
 $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$,

5 R^{10} represents hydrogen, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_1 - C_6 -haloalkyl, C_2 - C_6 -haloalkenyl or C_3 - C_6 -cycloalkyl,

R^{11} represents hydrogen, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_1 - C_6 -haloalkyl, C_2 - C_6 -haloalkenyl, C_3 - C_6 -cycloalkyl- C_1 - C_4 -alkyl or aryl- C_1 - C_4 -alkyl which is optionally mono- or polysubstituted by identical or different radicals R^5 ,

10

R^{12} and R^{13} independently of one another represent hydrogen, C_1 - C_6 -alkyl, C_1 - C_6 -haloalkyl, represent C_3 - C_6 -cycloalkyl which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of halogen and C_1 - C_6 -alkyl, represents C_3 - C_6 -cycloalkyl- C_1 - C_4 -alkyl or represents aryl- C_1 - C_4 -alkyl which is optionally mono- or polysubstituted by identical or different radicals R^5 ,

15

R^{12} and R^{13} furthermore together represent C_2 - C_6 -alkylene, $(C_1$ - C_3 -alkoxy)- C_1 - C_3 -alkylene or $(C_1$ - C_3 -alkylthio)- C_1 - C_3 -alkylene, each of which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of halogen and C_1 - C_6 -alkyl,

20

p represents 0, 1 or 2,

25

Q represents a completely unsaturated 5-membered heterocycle which has 1 to 3 identical or different heteroatoms from the group consisting of nitrogen, oxygen and sulphur and which is mono- or polysubstituted by identical or different radicals from the list W^1 , and

30

W^1 represents halogen, cyano, C_1 - C_{16} -alkyl, C_1 - C_{16} -alkoxy, C_1 - C_{16} -alkylthio, C_1 - C_{16} -alkylsulphanyl, C_1 - C_{16} -alkylsulphonyl, C_1 - C_{16} -haloalkyl, C_1 - C_{16} -haloalkoxy, C_1 - C_{16} -haloalkylthio, C_1 - C_{16} -haloalkylsulphanyl, C_1 - C_{16} -haloalkylsulphonyl, C_3 - C_{12} -cycloalkyl or

35

represents aryl or aryl- C_1 - C_4 -alkyl, each of which is optionally mono- or polysubstituted by identical or different substituents from the group

consisting of halogen, cyano, formyl, nitro, tri(C₁-C₆-alkyl)silyl, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₆-alkylthio, C₁-C₆-alkylsulphinyl, C₁-C₆-alkylsulphonyl, C₂-C₆-alkenyl, C₂-C₆-alkenyloxy, (C₁-C₆-alkyl)carbonyl, (C₁-C₆-alkoxy)carbonyl, C₁-C₆-haloalkyl, C₁-C₆-haloalkoxy, C₁-C₆-haloalkylthio, C₁-C₆-haloalkylsulphinyl, C₁-C₆-haloalkylsulphonyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkenyloxy, -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³, -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or -OSO₂NR¹²R¹³.

2. Pyrrolines of the formula (I) according to Claim 1, in which

R¹ represents fluorine, chlorine, bromine, C₁-C₄-alkyl or C₁-C₄-haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,

R² represents hydrogen, fluorine, chlorine, bromine, C₁-C₄-alkyl or C₁-C₄-haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms,

R³ represents hydrogen, fluorine, chlorine, bromine or methyl,

R⁴ represents hydrogen, C₁-C₄-alkyl, (C₁-C₆-alkoxy)carbonyl, (C₃-C₆-cycloalkyl)oxycarbonyl, (C₁-C₄-haloalkoxy)carbonyl having 1 to 9 fluorine and/or chlorine atoms, represents phenyl which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, bromine, iodine, cyano, nitro, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy and C₁-C₄-haloalkylthio having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,

A¹ represents N or CH,

A² represents N or CR⁹,

R⁵ represents hydrogen, fluorine, chlorine, bromine, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl; C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl or C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms,

- 5 R^6 , R^7 , R^8 and R^9 independently of one another represent hydrogen, fluorine, chlorine, bromine, cyano, formyl, nitro, tri(C_1 - C_4 -alkyl)silyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl; C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl or C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms; C_2 - C_4 -haloalkenyl or C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, (C_1 - C_4 -haloalkyl)carbonyl or (C_1 - C_4 -haloalkoxy)carbonyl, having in
- 10 each case 1 to 9 fluorine, chlorine and/or bromine atoms, pentafluorothio, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$,
- 15 R^{10} represents hydrogen, C_1 - C_4 -alkyl, C_2 - C_4 -alkenyl, C_1 - C_4 -haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl having 1 to 7 fluorine, chlorine and/or bromine atoms, cyclopropyl, cyclopentyl or cyclohexyl,
- 20 R^{11} represents hydrogen, C_1 - C_4 -alkyl, C_2 - C_4 -alkenyl, C_1 - C_4 -haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl having 1 to 7 fluorine, chlorine and/or bromine atoms, C_3 - C_6 -cycloalkyl- C_1 - C_2 -alkyl or benzyl or phenylethyl, each of which is optionally mono- to tetrasubstituted by identical or different radicals R^5 ,
- 25 R^{12} and R^{13} independently of one another represent hydrogen, C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl having 1 to 9 fluorine, chlorine and/or bromine atoms, C_3 - C_6 -cycloalkyl, C_3 - C_6 -cycloalkyl- C_1 - C_2 -alkyl or benzyl or phenylethyl, each of which is optionally mono- to tetrasubstituted by identical or different radicals R^5 ,
- 30 R^{12} and R^{13} furthermore together represent C_3 - C_5 -alkylene, $-(CH_2)_2-O-(CH_2)_2-$ or $-(CH_2)_2-S-(CH_2)_2-$,
- 35 p represents 0 or 1,

Q represents a completely unsaturated 5-membered heterocycle which has 1 to 3 identical or different heteroatoms from the group consisting of nitrogen, oxygen and sulphur and which is mono- or polysubstituted by identical or different radicals from the list W^1 , and

5

W^1 represents fluorine, chlorine, bromine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_1 - C_{12} -haloalkoxy, C_1 - C_{12} -haloalkylthio, C_1 - C_{12} -haloalkylsulphinyl, C_1 - C_{12} -haloalkylsulphonyl, C_3 - C_{12} -cycloalkyl or

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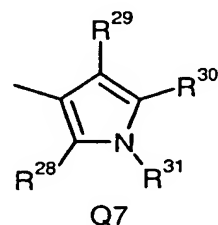
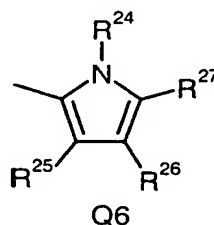
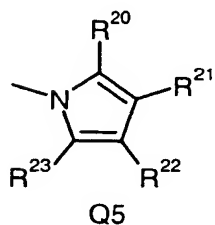
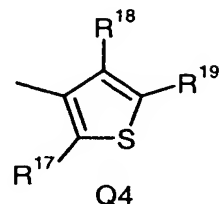
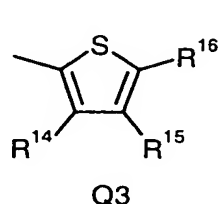
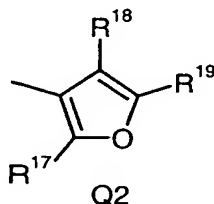
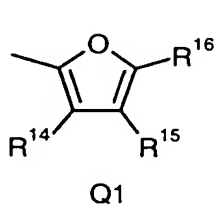
represents phenyl or aryl- C_1 - C_2 -alkyl, each of which is optionally mono- or polysubstituted by identical or different substituents from the group consisting of fluorine, chlorine, bromine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$.

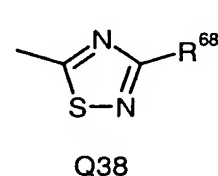
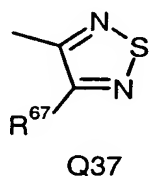
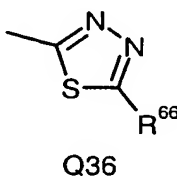
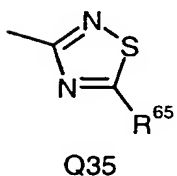
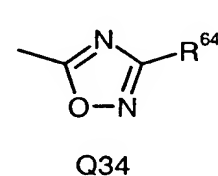
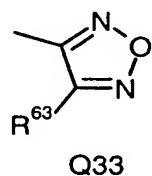
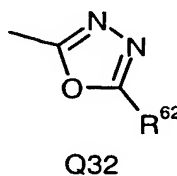
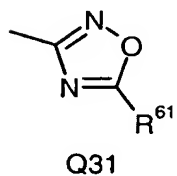
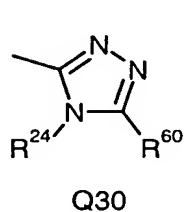
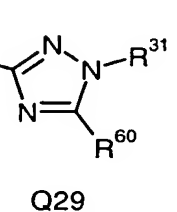
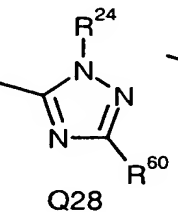
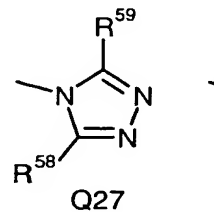
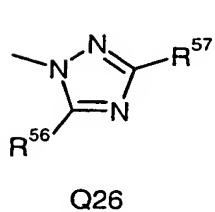
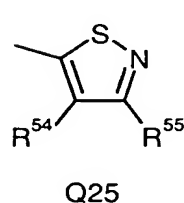
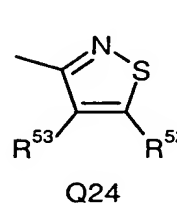
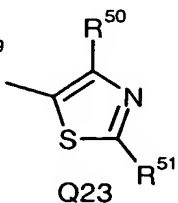
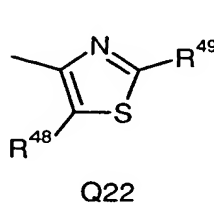
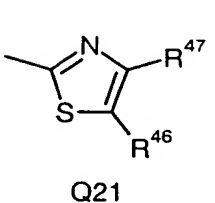
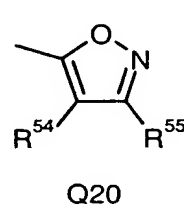
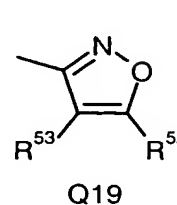
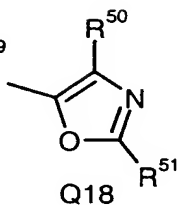
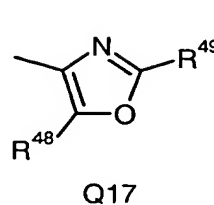
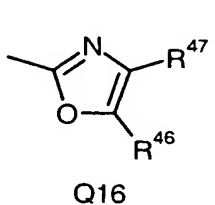
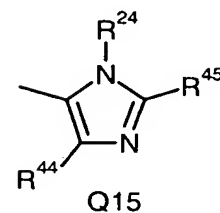
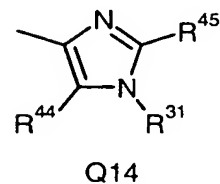
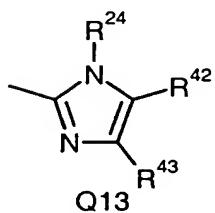
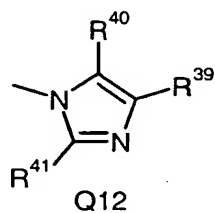
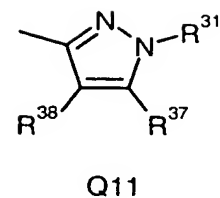
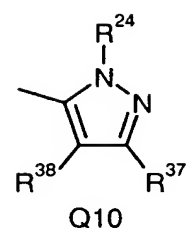
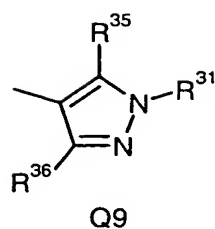
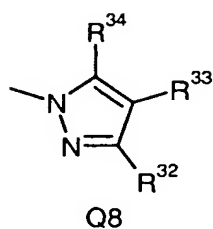
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3. Pyrrolines of the formula (I) according to Claim 1, in which

Q represents a completely unsaturated 5-membered heterocycle from the group consisting of

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in which

R^{14} and R^{15} independently of one another represent hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

5 represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (10 C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, 15 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{16} represents hydrogen, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

20 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (25 C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, 30 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

35 with the proviso that R^{14} , R^{15} , R^{16} do not simultaneously represent hydrogen,

R^{17} and R^{19} independently of one another represent hydrogen, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{18} represents hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{17} , R^{18} , R^{19} do not simultaneously represent hydrogen,

R^{20} and R^{23} independently of one another represent hydrogen, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
 5 represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 10 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,
 15 R^{21} and R^{22} independently of one another represent hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
 20 represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 25 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,
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with the proviso that R^{20} , R^{21} , R^{22} , R^{23} do not simultaneously represent hydrogen,

R^{24} represents hydrogen, C_1 - C_6 -alkyl or C_3 - C_6 -cycloalkyl,

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R^{25} and R^{26} independently of one another represent hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

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represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

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R^{27} represents hydrogen, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,

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$-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{24} , R^{25} , R^{26} , R^{27} do not simultaneously represent
hydrogen,

R^{28} and R^{30} independently of one another represent hydrogen, C_1 - C_{12} -alkyl,
 C_1 - C_{12} -alkoxy, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
represent phenyl or benzyl, each of which is optionally mono- to
tetrasubstituted by identical or different substituents from the group
consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -
alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,
 $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{29} represents hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy,
 C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
represents phenyl or benzyl, each of which is optionally mono- to
tetrasubstituted by identical or different substituents from the group
consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -
alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,

$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$, $-\text{OSO}_2\text{R}^{12}$ or
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{31} represents hydrogen, C_1 - C_6 -alkyl, C_3 - C_6 -cycloalkyl or
 5 represents phenyl or benzyl, each of which is optionally mono- to
 tetrasubstituted by identical or different substituents from the group
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -
 10 alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
 haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
 and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 15 $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$, $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$,
 $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$, $-\text{OSO}_2\text{R}^{12}$ or
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{28} , R^{29} , R^{30} , R^{31} do not simultaneously represent
 20 hydrogen,

R^{32} and R^{34} independently of one another represent hydrogen, C_1 - C_{12} -alkyl,
 C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -
 alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
 25 represent phenyl or benzyl, each of which is optionally mono- to
 tetrasubstituted by identical or different substituents from the group
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -
 30 alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
 haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
 and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 35 $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$, $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$,

$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$, $-\text{OSO}_2\text{R}^{12}$ or $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{33} represents hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(\text{C}_1$ - C_4 -alkyl)carbonyl, $(\text{C}_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$, $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$, $-\text{OSO}_2\text{R}^{12}$ or $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{32} , R^{33} , R^{34} do not simultaneously represent hydrogen,

R^{35} and R^{36} independently of one another represent hydrogen, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(\text{C}_1$ - C_4 -alkyl)carbonyl, $(\text{C}_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$, $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$,

$-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$, $-\text{OSO}_2\text{R}^{12}$ or
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{31} , R^{35} , R^{36} do not simultaneously represent hydrogen,

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R^{37} represents hydrogen, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(\text{C}_1$ - C_4 -alkyl)carbonyl, $(\text{C}_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 $-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$, $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$,
 $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{COR}^{13}$, $-(\text{CH}_2)_p\text{N}(\text{R}^{12})\text{SO}_2\text{R}^{13}$, $-\text{OSO}_2\text{R}^{12}$ or
 $-\text{OSO}_2\text{NR}^{12}\text{R}^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

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R^{38} represents hydrogen, chlorine, cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or

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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(\text{C}_1$ - C_4 -alkyl)carbonyl, $(\text{C}_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,

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$-\text{C}(\text{R}^{10})=\text{N}-\text{OR}^{11}$, $-\text{SO}_2\text{NR}^{12}\text{R}^{13}$, $-(\text{CH}_2)_p\text{NR}^{12}\text{R}^{13}$,

$-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{24} , R^{37} , R^{38} or R^{31} , R^{37} , R^{38} do not simultaneously
 5 represent hydrogen,

R^{39} , R^{40} and R^{41} independently of one another represent hydrogen, C_1 - C_{12} -
 alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -
 alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
 10 represent phenyl or benzyl, each of which is optionally mono- to
 tetrasubstituted by identical or different substituents from the group
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -
 15 alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
 haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
 and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 20 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,
 $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{39} , R^{40} , R^{41} do not simultaneously represent hydrogen,

R^{42} and R^{43} independently of one another represent hydrogen, C_1 - C_{12} -alkyl,
 C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -
 alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
 25 represent phenyl or benzyl, each of which is optionally mono- to
 tetrasubstituted by identical or different substituents from the group
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -
 30 alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
 haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
 35 haloalkylsulphonyl

haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 5 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
 -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

with the proviso that R²⁴, R⁴², R⁴³ do not simultaneously represent hydrogen,

10 R⁴⁴ and R⁴⁵ independently of one another represent hydrogen, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
 represent phenyl or benzyl, each of which is optionally mono- to
 15 tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 20 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
 25 -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

with the proviso that R²⁴, R⁴⁴, R⁴⁵ or R³¹, R⁴⁴, R⁴⁵ do not simultaneously represent hydrogen,

30 R⁴⁶ and R⁴⁷ independently of one another represent hydrogen, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
 represent phenyl or benzyl, each of which is optionally mono- to
 35 tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,

5 C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl,
C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-
alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-
haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
-C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
10 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
-OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

with the proviso that R⁴⁶, R⁴⁷ do not simultaneously represent hydrogen,

15 R⁴⁸ and R⁴⁹ independently of one another represent hydrogen, C₁-C₁₂-alkyl,
C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-
alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
represent phenyl or benzyl, each of which is optionally mono- to
tetrasubstituted by identical or different substituents from the group
consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
20 C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl,
C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-
alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-
haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-
haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy
having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
25 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
-(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
-OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

30 with the proviso that R⁴⁸, R⁴⁹ do not simultaneously represent hydrogen,

35 R⁵⁰ and R⁵¹ independently of one another represent hydrogen, C₁-C₁₂-alkyl,
C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-
alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or

5 represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 10 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
 -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

15 with the proviso that R⁵⁰, R⁵¹ do not simultaneously represent hydrogen,

R⁵² represents hydrogen, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
 20 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 25 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
 -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,
 30 R⁵³ represents hydrogen, chlorine, cyano, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
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5 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 10 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
 -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

15 with the proviso that R⁵², R⁵³ do not simultaneously represent hydrogen,

R⁵⁴ represents hydrogen, chlorine, cyano, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
 20 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 25 -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³,
 -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or
 30 -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

R⁵⁵ represents hydrogen, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or
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represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³, -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

with the proviso that R⁵⁴, R⁵⁵ do not simultaneously represent hydrogen,

R⁵⁶ and R⁵⁷ independently of one another represent hydrogen, C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-alkylthio, C₁-C₁₂-alkylsulphinyl, C₁-C₁₂-alkylsulphonyl, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³, -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

with the proviso that R⁵⁶, R⁵⁷ do not simultaneously represent hydrogen,

5 R^{58} and R^{59} independently of one another represent hydrogen, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represent phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{58} , R^{59} do not simultaneously represent hydrogen,

20 R^{60} represents hydrogen, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

with the proviso that R^{24} and R^{60} or R^{31} and R^{60} do not simultaneously represent hydrogen,

- 5 R^{61} represents C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
- 10 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
- 15 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,
- 20
- 25 R^{62} represents cyano, C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
- 30 represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
- 35 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,

$-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ to
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{63} represents C_1 - C_{12} -alkyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or
 5 represents phenyl or benzyl, each of which is optionally mono- to
 tetrasubstituted by identical or different substituents from the group
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -
 10 alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
 haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
 and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 15 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,
 $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{64} represents C_1 - C_{12} -alkyl, C_1 - C_{12} -alkoxy, C_1 - C_{12} -alkylthio, C_1 - C_{12} -
 20 alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -
 cycloalkyl or
 represents phenyl or benzyl, each of which is optionally mono- to
 tetrasubstituted by identical or different substituents from the group
 consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl,
 C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl,
 C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, (C_1 - C_4 -
 25 alkyl)carbonyl, (C_1 - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -
 haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -
 haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine
 and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy
 having in each case 1 to 7 fluorine, chlorine and/or bromine atoms,
 30 $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$,
 $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or
 $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{65} represents C_1 - C_{12} -alkyl, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

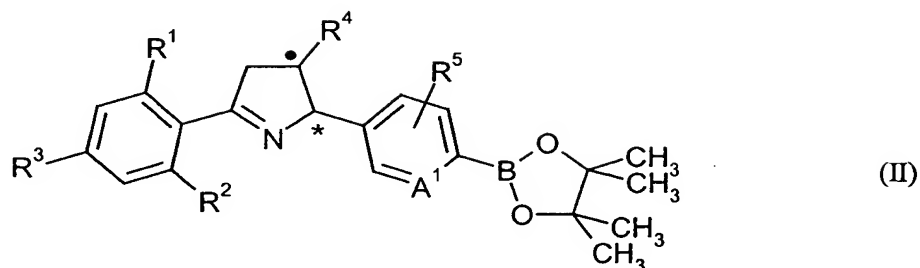
R^{66} represents C_1 - C_{12} -alkyl, C_1 - C_{12} -alkylthio, C_1 - C_{12} -alkylsulphinyl, C_1 - C_{12} -alkylsulphonyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulphinyl, C_1 - C_4 -alkylsulphonyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkenyloxy, $(C_1$ - C_4 -alkyl)carbonyl, $(C_1$ - C_4 -alkoxy)carbonyl, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulphinyl, C_1 - C_4 -haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, $-C(R^{10})=N-OR^{11}$, $-SO_2NR^{12}R^{13}$, $-(CH_2)_pNR^{12}R^{13}$, $-(CH_2)_pN(R^{12})COR^{13}$, $-(CH_2)_pN(R^{12})SO_2R^{13}$, $-OSO_2R^{12}$ or $-OSO_2NR^{12}R^{13}$, where R^{10} to R^{13} are as defined in Claim 1,

R^{67} represents C_1 - C_{12} -alkyl, C_1 - C_{12} -haloalkyl, C_3 - C_{12} -cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group

consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³, -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1,

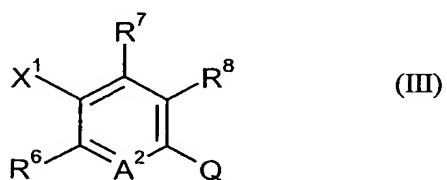
R⁶⁸ represents C₁-C₁₂-alkyl, C₁-C₁₂-alkoxy, C₁-C₁₂-haloalkyl, C₃-C₁₂-cycloalkyl or represents phenyl or benzyl, each of which is optionally mono- to tetrasubstituted by identical or different substituents from the group consisting of fluorine, chlorine, cyano, formyl, nitro, trimethylsilyl, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulphinyl, C₁-C₄-alkylsulphonyl, C₂-C₄-alkenyl, C₂-C₄-alkenyloxy, (C₁-C₄-alkyl)carbonyl, (C₁-C₄-alkoxy)carbonyl, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulphinyl, C₁-C₄-haloalkylsulphonyl having in each case 1 to 9 fluorine, chlorine and/or bromine atoms, C₂-C₄-haloalkenyl, C₂-C₄-haloalkenyloxy having in each case 1 to 7 fluorine, chlorine and/or bromine atoms, -C(R¹⁰)=N-OR¹¹, -SO₂NR¹²R¹³, -(CH₂)_pNR¹²R¹³, -(CH₂)_pN(R¹²)COR¹³, -(CH₂)_pN(R¹²)SO₂R¹³, -OSO₂R¹² or -OSO₂NR¹²R¹³, where R¹⁰ to R¹³ are as defined in Claim 1.

4. Pyrrolines of the formula (I) according to Claim 1, in which A¹ and A² each represent CH.
5. Process for preparing compounds of the formula (I) according to Claim 1, characterized in that
 - A) Δ¹-pyrrolines of the formula (II)



in which R^1 , R^2 , R^3 , R^4 , A^1 and R^5 are as defined in Claim 1,

are reacted with benzene derivatives of the formula (III)



in which A^2 , R^6 , R^7 , R^8 and Q are as defined in Claim 1 and

X^1 represents bromine, iodine or $-\text{OSO}_2\text{CF}_3$,

in the presence of a catalyst and in the presence of a diluent.

6. Pesticides, characterized in that they comprise at least one compound of the formula (I) according to Claim 1, in addition to extenders and/or surfactants.
7. Use of compounds of the formula (I) according to Claim 1 for controlling pests.
8. Method for controlling pests, characterized in that compounds of the formula (I) according to Claim 1 are allowed to act on pests and/or their habitat.
9. Process for preparing pesticides, characterized in that compounds of the formula (I) according to Claim 1 are mixed with extenders and/or surfactants.